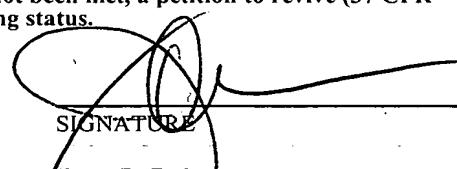


FORM PTO-1390 (Modified) (REV. 11-2000) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 66411-086
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 10/502023
INTERNATIONAL APPLICATION NO. PCT/FI2003/000921	INTERNATIONAL FILING DATE 2 December 2003	PRIORITY DATE CLAIMED 3 December 2002
TITLE OF INVENTION METHOD FOR DEFINING QUADRATURE-AXIS MAGNETIZING INDUCTANCE OF SYNCHRONOUS		
APPLICANT(S) FOR DO/EO/US Jouko NIIRANEN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 20 below concern document(s) or information included: <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Express Mail Label No. <input checked="" type="checkbox"/> Other items or information: 		
WO 2004/051840; Copy of Form PCT/IB/308		

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 10/502023	INTERNATIONAL APPLICATION NO. PCT/FI2003/000921	ATTORNEY'S DOCKET NUMBER 66352-0023																																
<p>24. The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</p> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 75%;"> <input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00</td> <td style="vertical-align: top; width: 25%; text-align: right;">CALCULATIONS PTO USE ONLY</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</td> <td></td> </tr> </table> <p style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p style="text-align: right;">\$1,080.00</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).</p> <p style="text-align: right;">\$0.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">CLAIMS.</th> <th style="width: 30%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 35%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>9 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$84.00</td> </tr> <tr> <td colspan="3">Multiple Dependent Claims (check if applicable)</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">\$0.00</td> </tr> </tbody> </table> <p style="text-align: center;">TOTAL OF ABOVE CALCULATIONS =</p> <p style="text-align: right;">\$1,080.00</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p> <p style="text-align: right;">\$0.00</p> <p style="text-align: center;">SUBTOTAL =</p> <p style="text-align: right;">\$1,080.00</p> <p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).</p> <p style="text-align: right;">+ \$0.00</p> <p style="text-align: center;">TOTAL NATIONAL FEE =</p> <p style="text-align: right;">\$1,080.00</p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).</p> <p style="text-align: right;"><input type="checkbox"/> \$0.00</p> <p style="text-align: center;">TOTAL FEES ENCLOSED =</p> <p style="text-align: right;">\$1,080.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;"></td> <td style="width: 25%; text-align: right;">Amount to be: refunded \$ charged \$</td> </tr> </table>			<input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00	CALCULATIONS PTO USE ONLY	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00		CLAIMS.	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	9 - 20 =	0	x \$18.00	Independent claims	1 - 3 =	0	x \$84.00	Multiple Dependent Claims (check if applicable)			<input type="checkbox"/>				\$0.00		Amount to be: refunded \$ charged \$
<input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00	CALCULATIONS PTO USE ONLY																																	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00																																		
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00																																		
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00																																		
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00																																		
CLAIMS.	NUMBER FILED	NUMBER EXTRA	RATE																															
Total claims	9 - 20 =	0	x \$18.00																															
Independent claims	1 - 3 =	0	x \$84.00																															
Multiple Dependent Claims (check if applicable)			<input type="checkbox"/>																															
			\$0.00																															
	Amount to be: refunded \$ charged \$																																	
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-2223</u> in the amount of <u>\$1,080.00</u> to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-2223</u></p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																		
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="border: 1px solid black; padding: 10px; margin-left: 10px;"> <p>John P. Deluca Reg. No. 25,505 Customer No. 25269 DYKEMA GOSSETT, PLLC 1300 "I" Street, N.W. Suite 300 Washington, D.C. 20005</p> </div> <div style="margin-left: 200px; margin-top: 20px;">  <p>SIGNATURE</p> <p>John P. Deluca</p> <p>NAME</p> <p>25,505</p> <p>REGISTRATION NUMBER</p> <p>July 21, 2004</p> <p>DATE</p> </div>																																		

FILE COPY

DYKEMA GOSSETT PLLC

Third Floor West, Franklin Square
1300 I Street, NW
Washington, DC 20005-3306

THE PATENT AND TRADEMARK OFFICE OFFICIAL FILING DATE STAMP HEREON IS
ACKNOWLEDGMENT OF FILING:
NEW NATIONAL PHASE APPLICATION

1. TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
2. PRELIMINARY AMENDMENT
3. INFORMATION DISCLOSURE STATEMENT W/FORM PTO-1449 (TWO REFS.)
4. DECLARATION OF INVENTORSHIP
5. COPY OF WO 2004/051840
6. FORM PCT/IB/308

TITLE- METHOD FOR DEFINING QUADRATURE-AXIS MAGNETIZING INDUCTANCE OF SYNCHRONOUS

INVENTOR: Jouko NIIRANEN

Serial No. Not Yet Assigned
Based on Finnish Appln. No. PCT/FI2003/000921

DOCKET No. 66411-086

DATE FILED July 21, 2004

DATE DUE: August 3, 2004